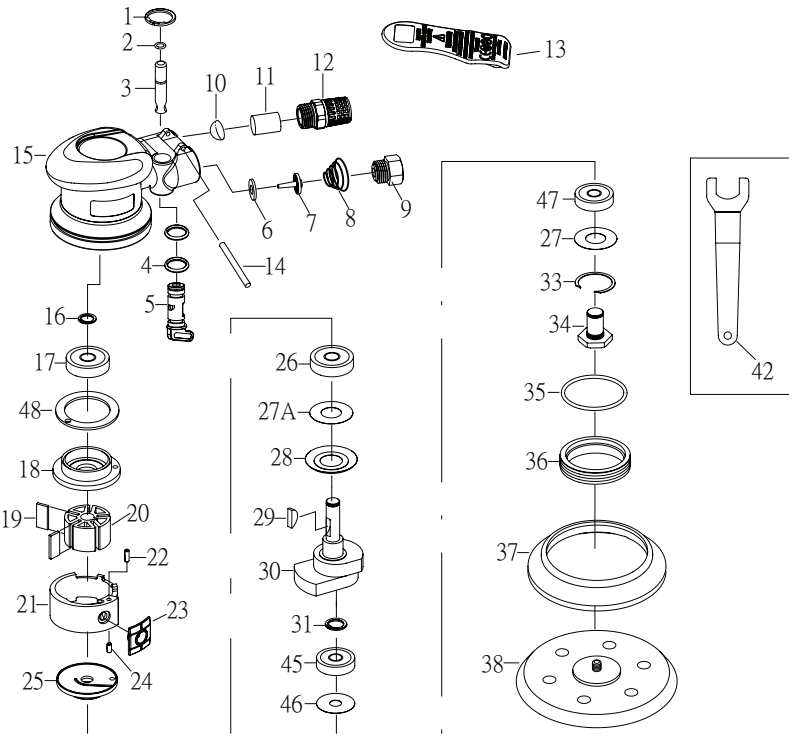
Maintenance

Ensure the air line is shut-off and drained of air before removing this tool for service. This will prevent the tool from operating if the throttle is accidentally engaged.

Troubleshooting

Problem	Possible Cause	Solution
The tool runs slowly or will not operate.	There is grit or gum in the tool.	Flush the tool with air tool oil or gum solvent.
	The air pressure is low.	□ Adjust the regulator on the tool to the maximum setting. □ Adjust the compressor regulator to the tool's maximum setting of 90 psi.
	The air hose leaks.	Tighten and seal the hose fittings with pipe thread tape if leaks are found.
	The air pressure drops.	□ Ensure the hose is the proper size. Long hoses or tools using large volumes of air may require a hose with an I.D. of ½" or larger depending on the total length of the hose. □ Do not use a multiple number of hoses connected together with a quick connect fitting. This causes additional pressure drops and reduces the tool power. Directly connect the hoses together.
	There is a worn rotor blade in the motor.	Replace the rotor blade.
	There is a worn ball bearing in the motor.	Remove and inspect the bearing for rust, dirt, and grit. Replace or clean and grease the bearing with bearing grease.
There is moisture blowing out of the tool's exhaust.	There is water in the tank.	Drain the tank. (See the air compressor manual for instructions.) Lubricate the tool and run it until water is not evident. Lubricate the tool again and run for 1-2 seconds.

Service Parts



Reference Number	Part Number	Description
1	90B-03	Snap Ring
2	90B-04	O-Ring
3	9ST316003	Valve Stem
4	90B-02	O-Ring (2)
5	9ST316005	Regulator
6	90B-06	Washer
7	9ST0B-08	Valve
8	90B-09-1	Spring
9	970426	Air Inlet
10	9SX-11.1	Stainless Mesh
11	9SX-11	Silencer
12	9ST246011	Sleeve
13	90B86811-1.1	Lever (Red)
14	90B-101-14	Pin
15	90B86813-1.3	Housing (Black)
16	970410	Retaining Ring
17	970048A	Bearing
18	9ST0B-19	Rear Plate
19	90B-20	Rotor Blade
20	9ST0B-21	Rotor
21	9ST246021	Cylinder
22	90B-23	Pin

Reference Number	Part Number	Description
23	90B86823	O-Ring
24	981326	Pin
25	9ST0B-25	Front Plate
26	90B-26A	Bearing
27	90B-28.1	Washer
27A	90B-28	Washer
28	9ST246027	Washer
29	9ST70407	Key
30	9STS560-29	Motor Shaft Balancer
31	90B-30	Snap Ring
33	90B-33	Snap Ring
34	9S560-34	Shaft
35	9ST246034	O-Ring
36	9RS0134	Lock Nut
37	9ST2460N36	Shroud
38	5430	PSA Pad
38	5430H	Velcro Pad (Optional)
42	9BT0B-39-22	Stop Spanner
45	90B-31.3	Bearing
46	90B-23.2A	Shim
47	90B-31.4	Bearing
48	90B86848	Rubber Wsher